

FIG. 1

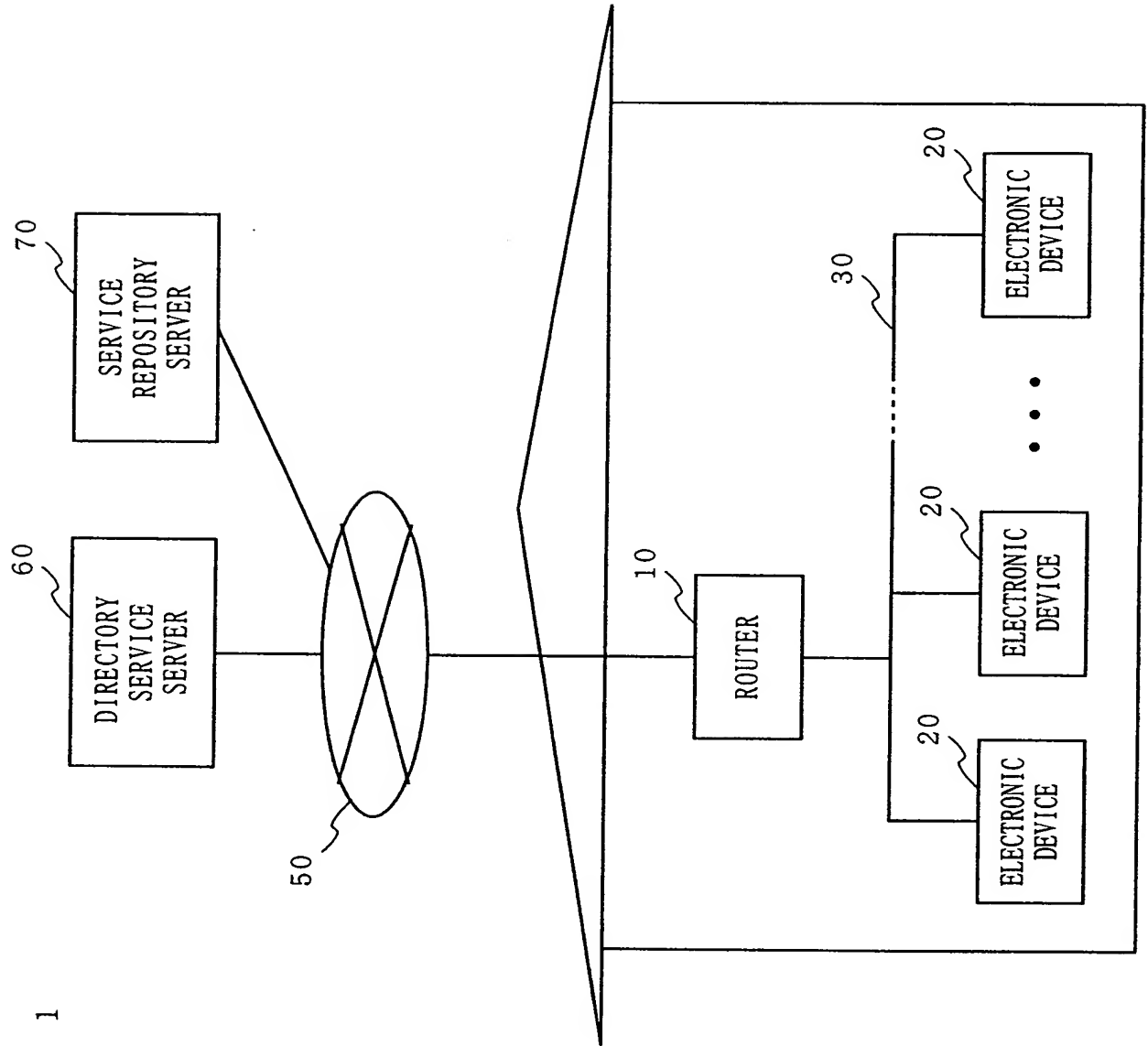


FIG. 2

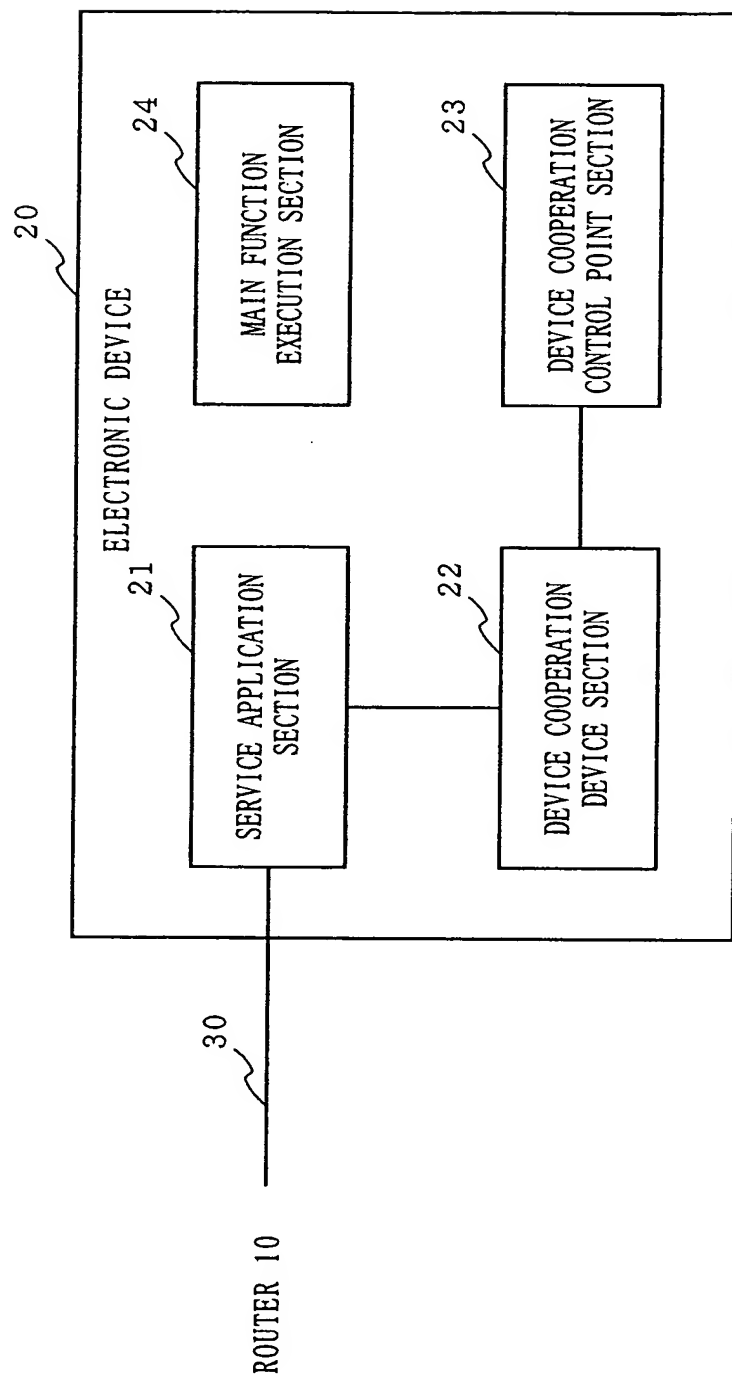


FIG. 3

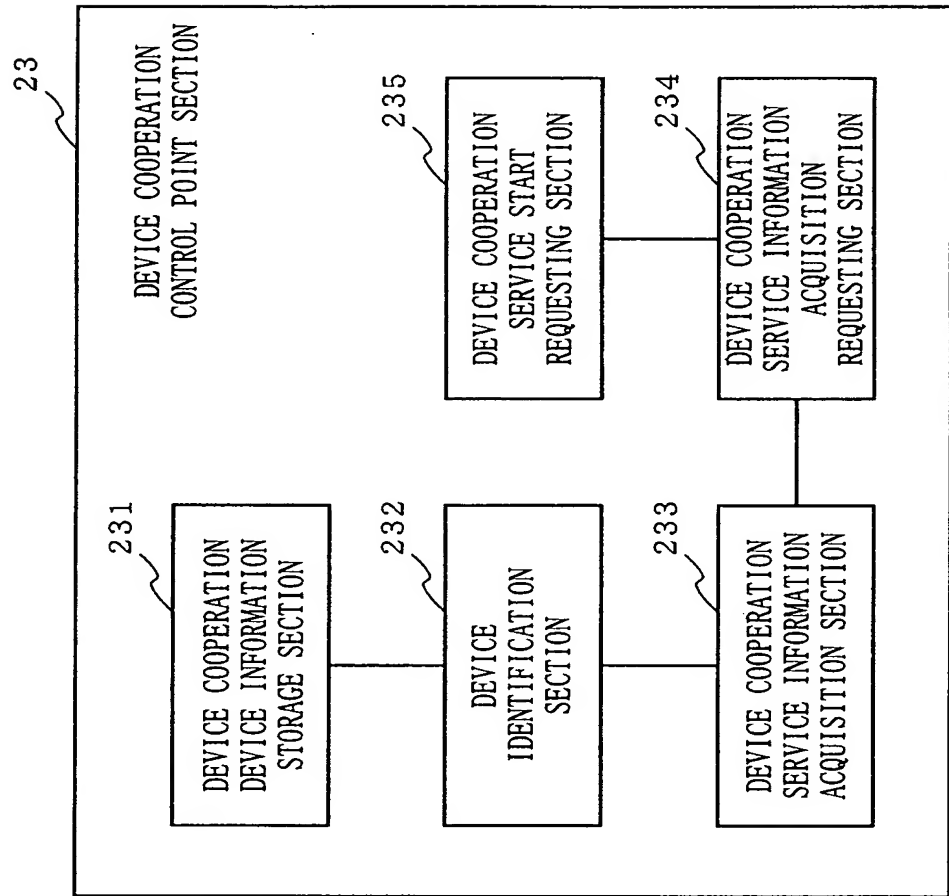
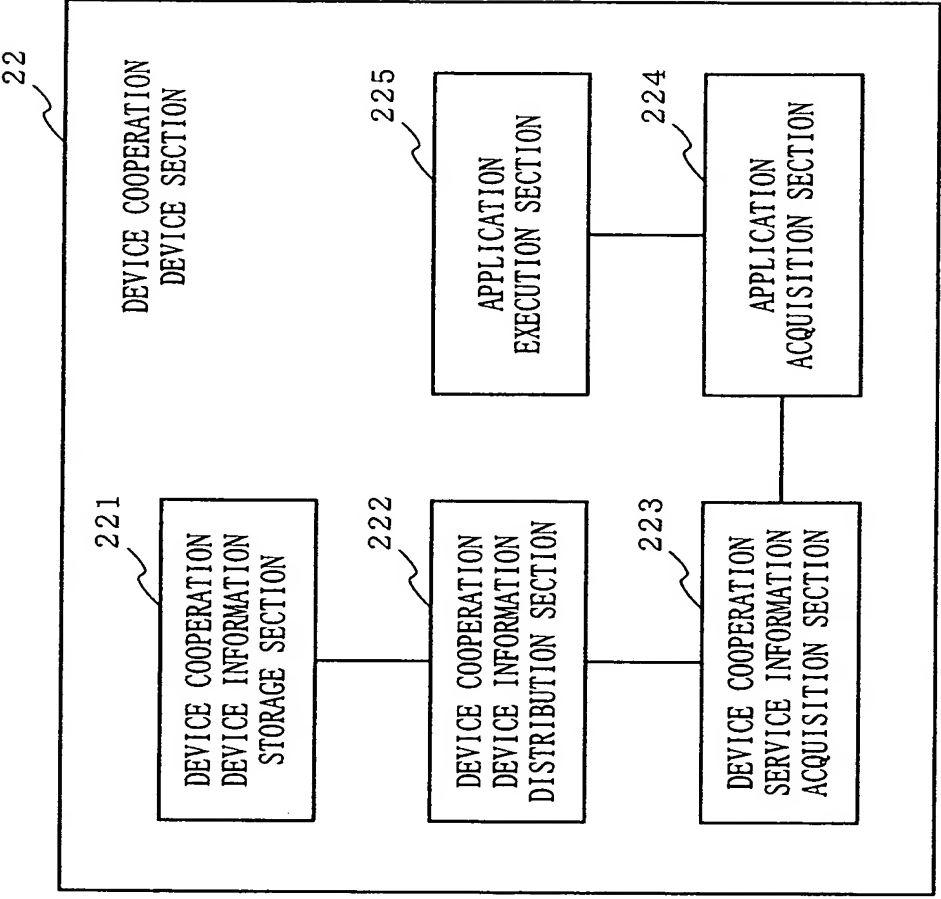


FIG. 4



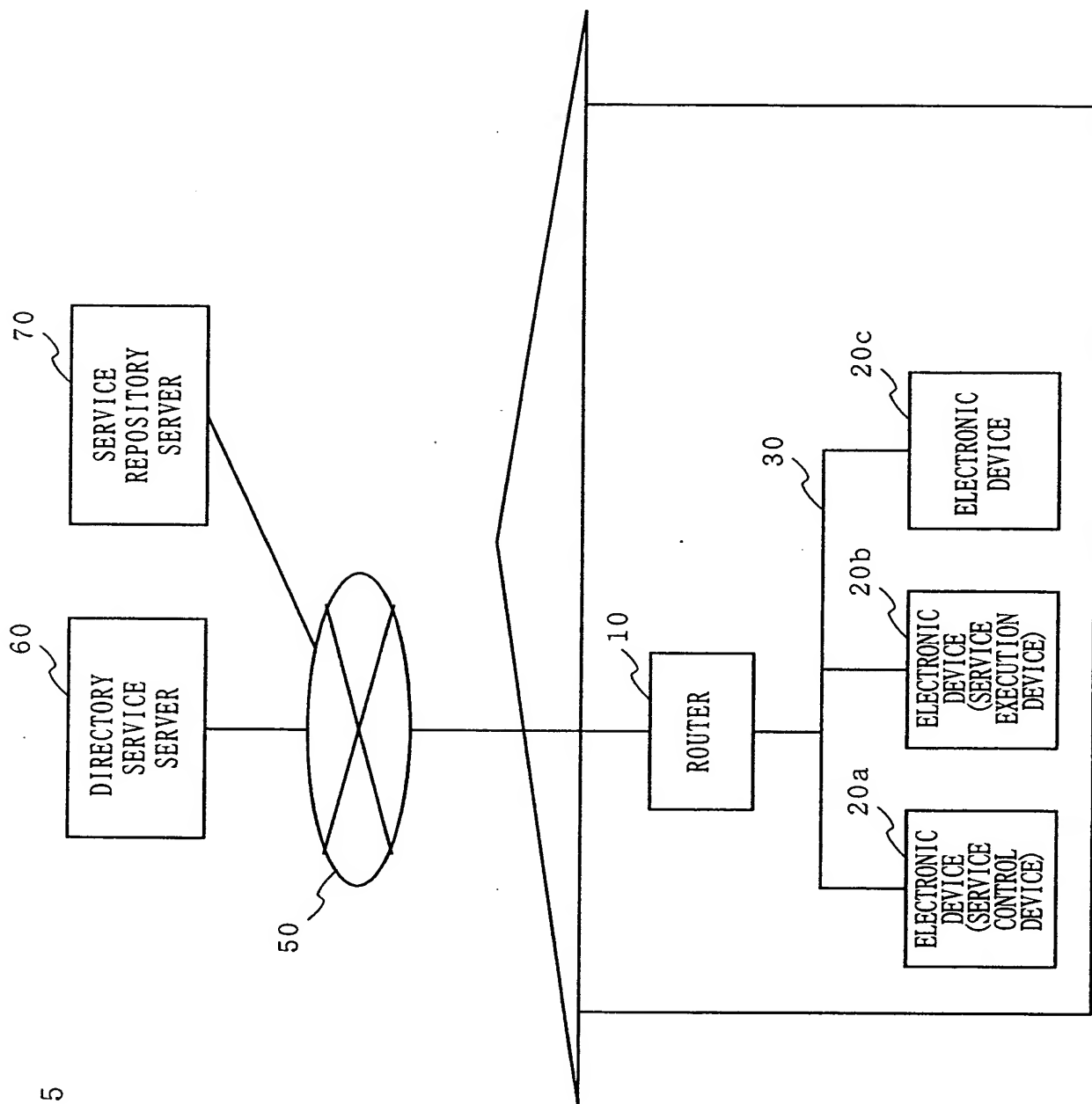


FIG. 5

FIG. 6

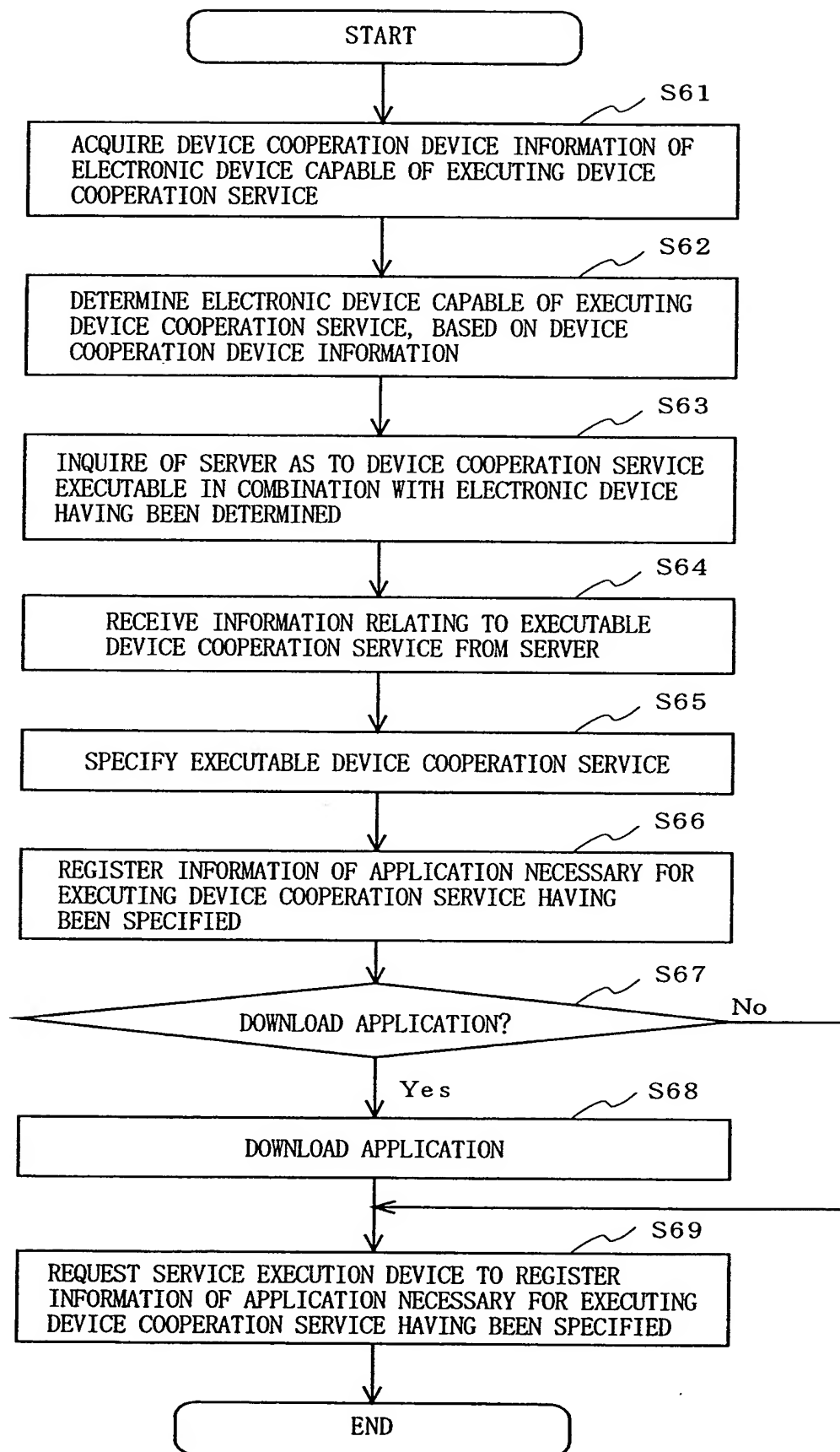


FIG. 7

|  |                          |
|--|--------------------------|
| DEVICE IDENTIFIER                      | D 0 0 0 1                |
| DEVICE TYPE                            | P 5 0 7 i                |
| DEVICE POSITION INFORMATION            | 1080:0:0:8:800:200C:417A |
| DEVICE COOPERATION SERVICE INFORMATION | pana.com/service_x       |

FIG. 8

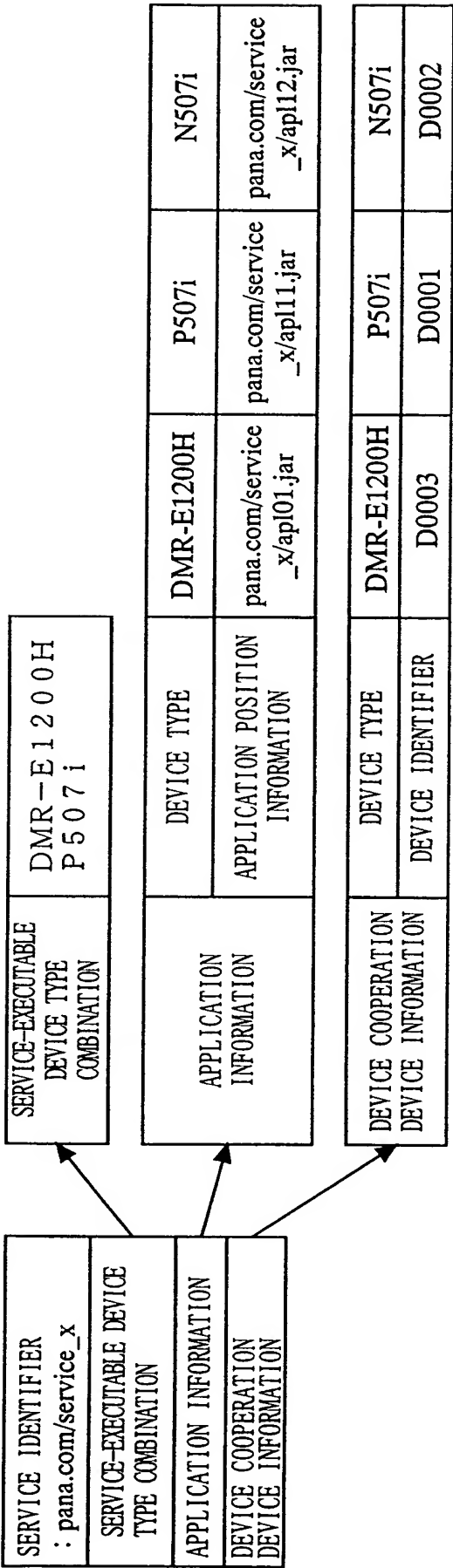


FIG. 9

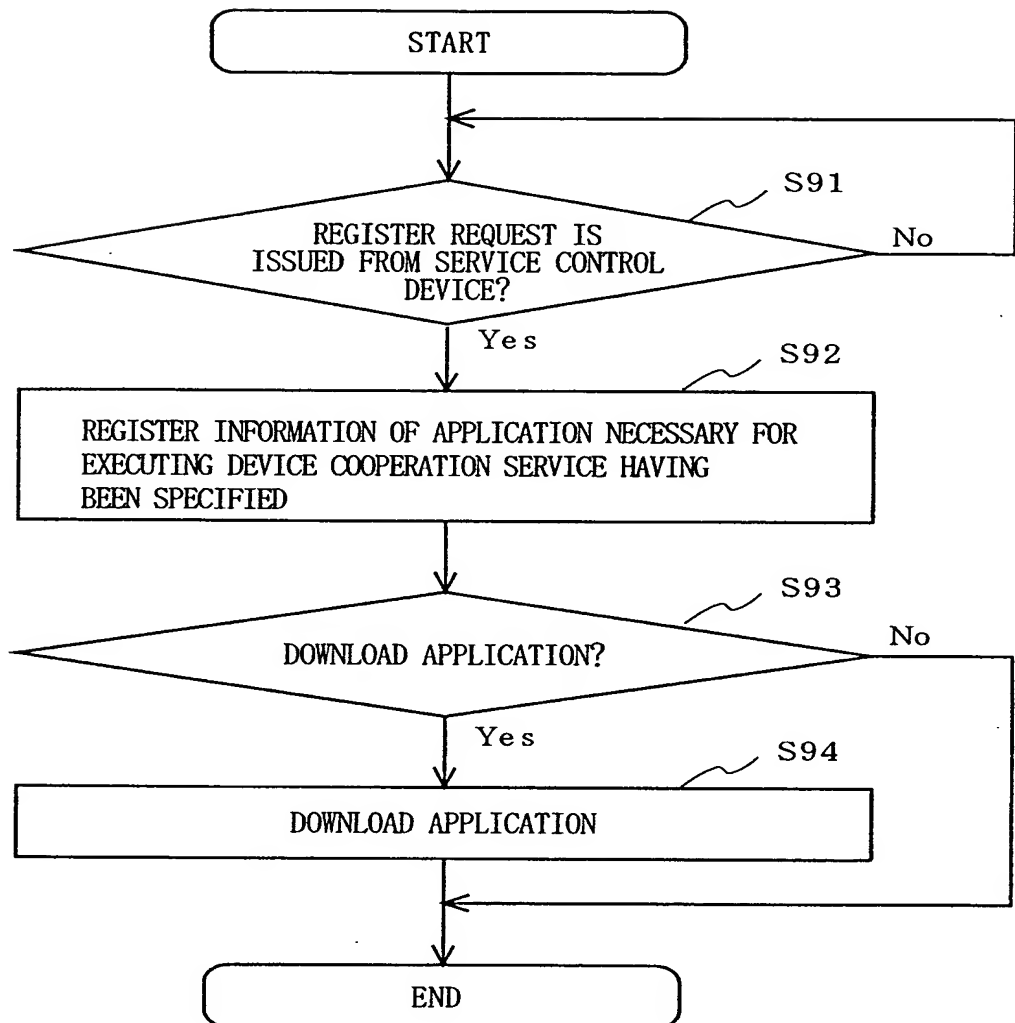
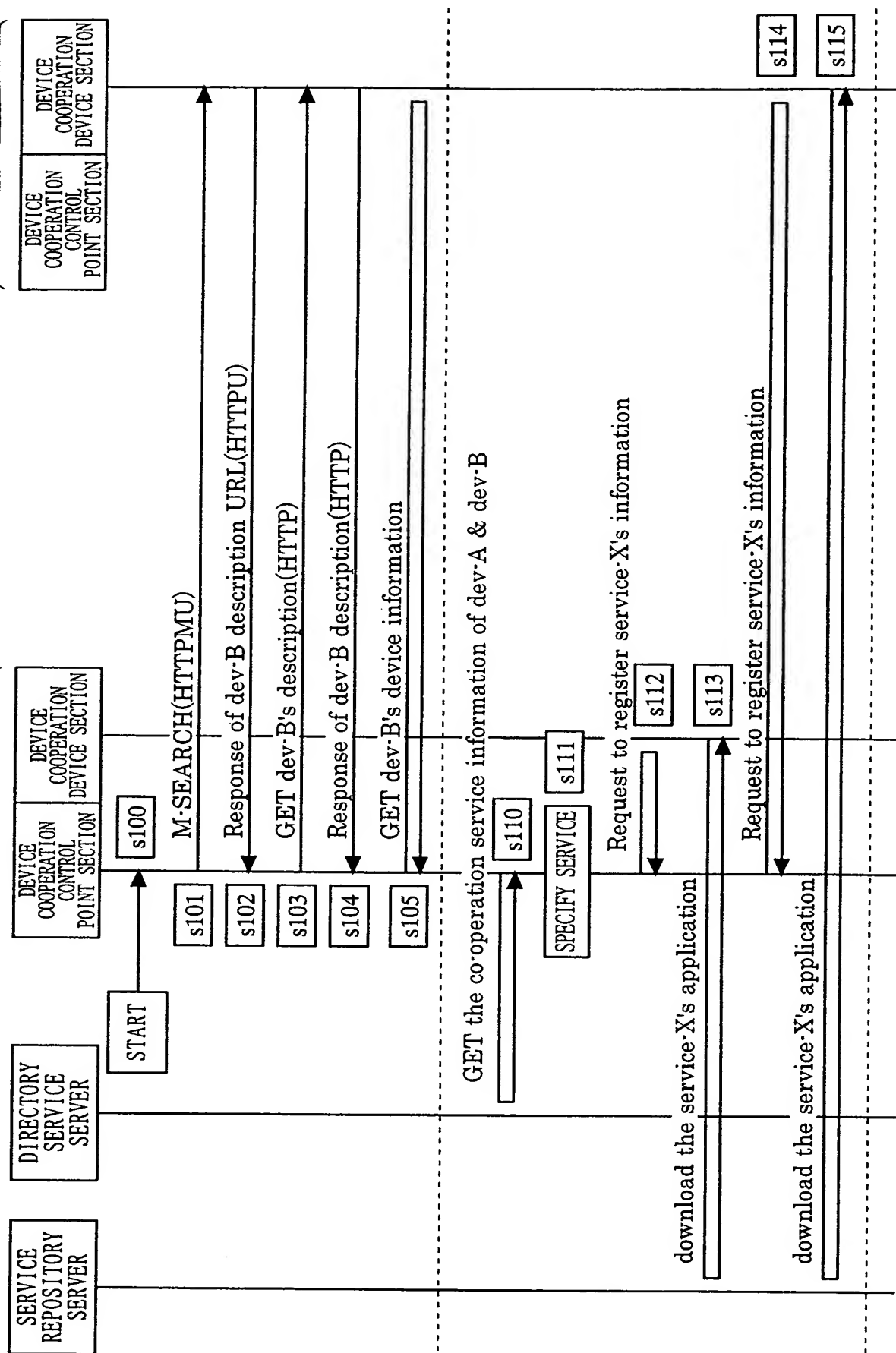




FIG. 10

ELECTRONIC DEVICE 20a (dev-A)

ELECTRONIC DEVICE 20b (dev-B)



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sequenceDiagram
    participant SRS as SERVICE REPOSITORY SERVER
    participant DSS as DIRECTORY SERVICE SERVER
    participant DevA as ELECTRONIC DEVICE 20a (dev-A)
    participant DevB as ELECTRONIC DEVICE 20b (dev-B)

    SRS->>DSS: START SERVICE
    DSS->>DevA: Request to start service-X
    DevA->>DevB: Request to start service-X
    DevB->>DevA: start service-X's application
    DevB->>SRS: start service-X's application
    DevA->>DevB: execute service-X
  
```

FIG. 12

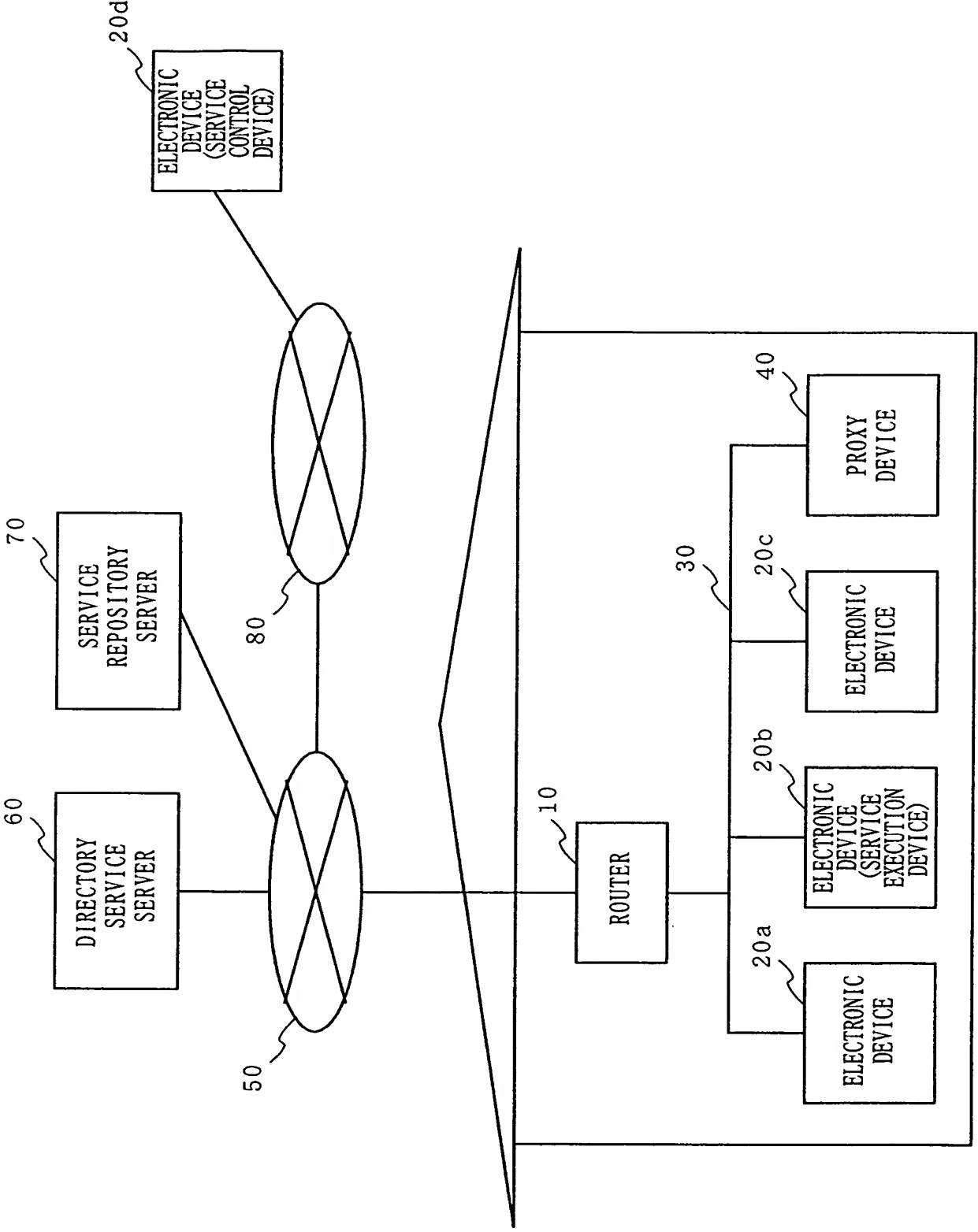


FIG. 13

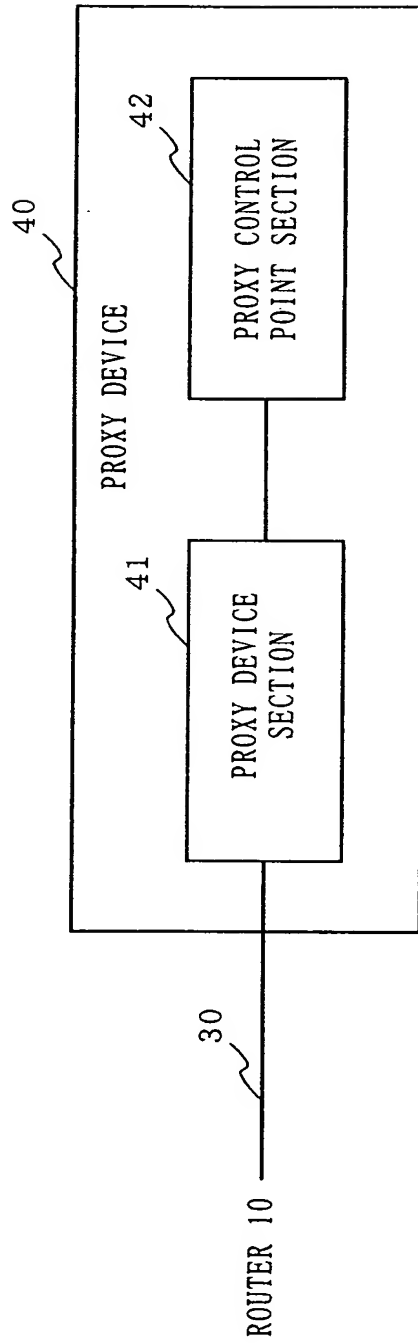


FIG. 14

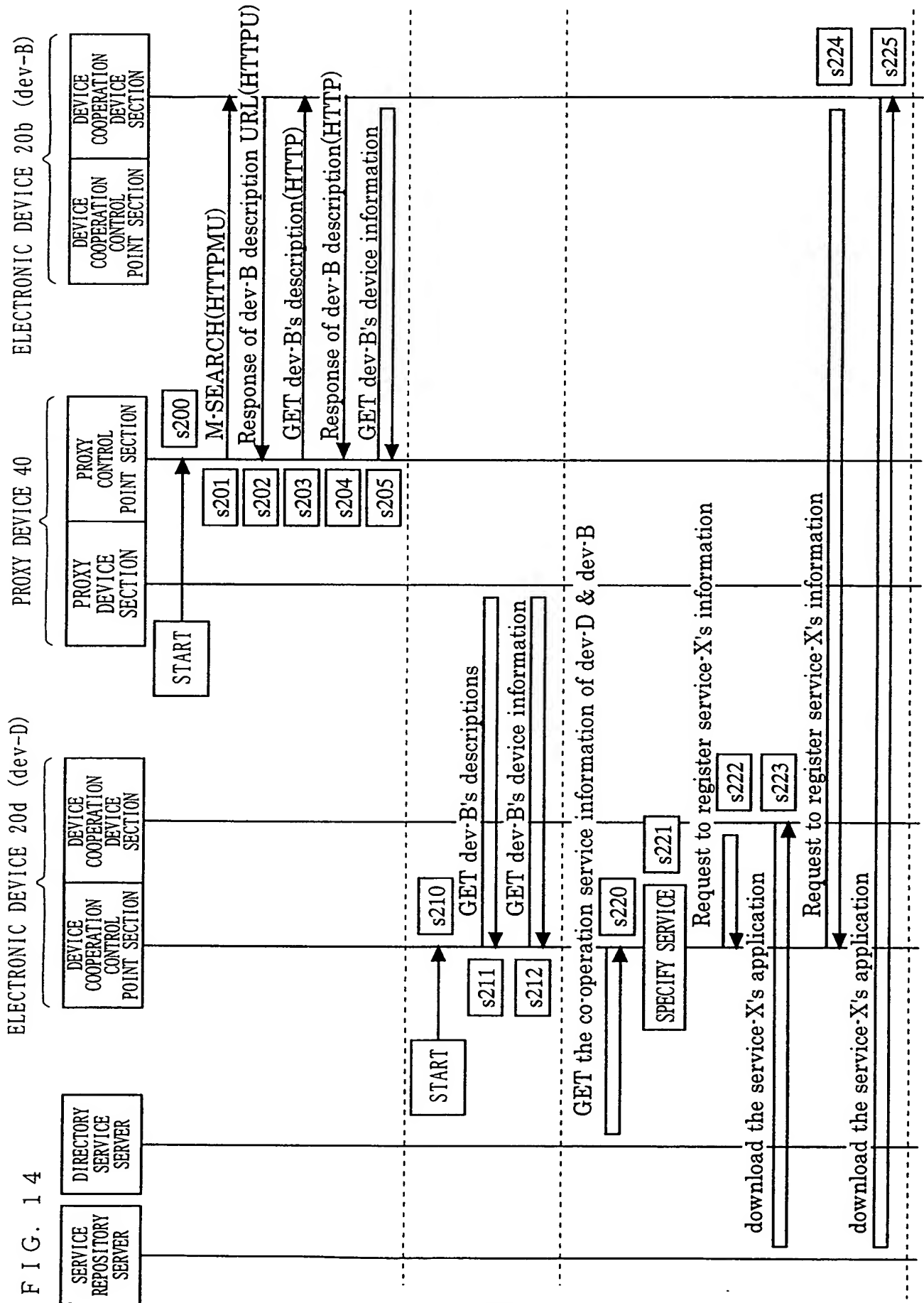
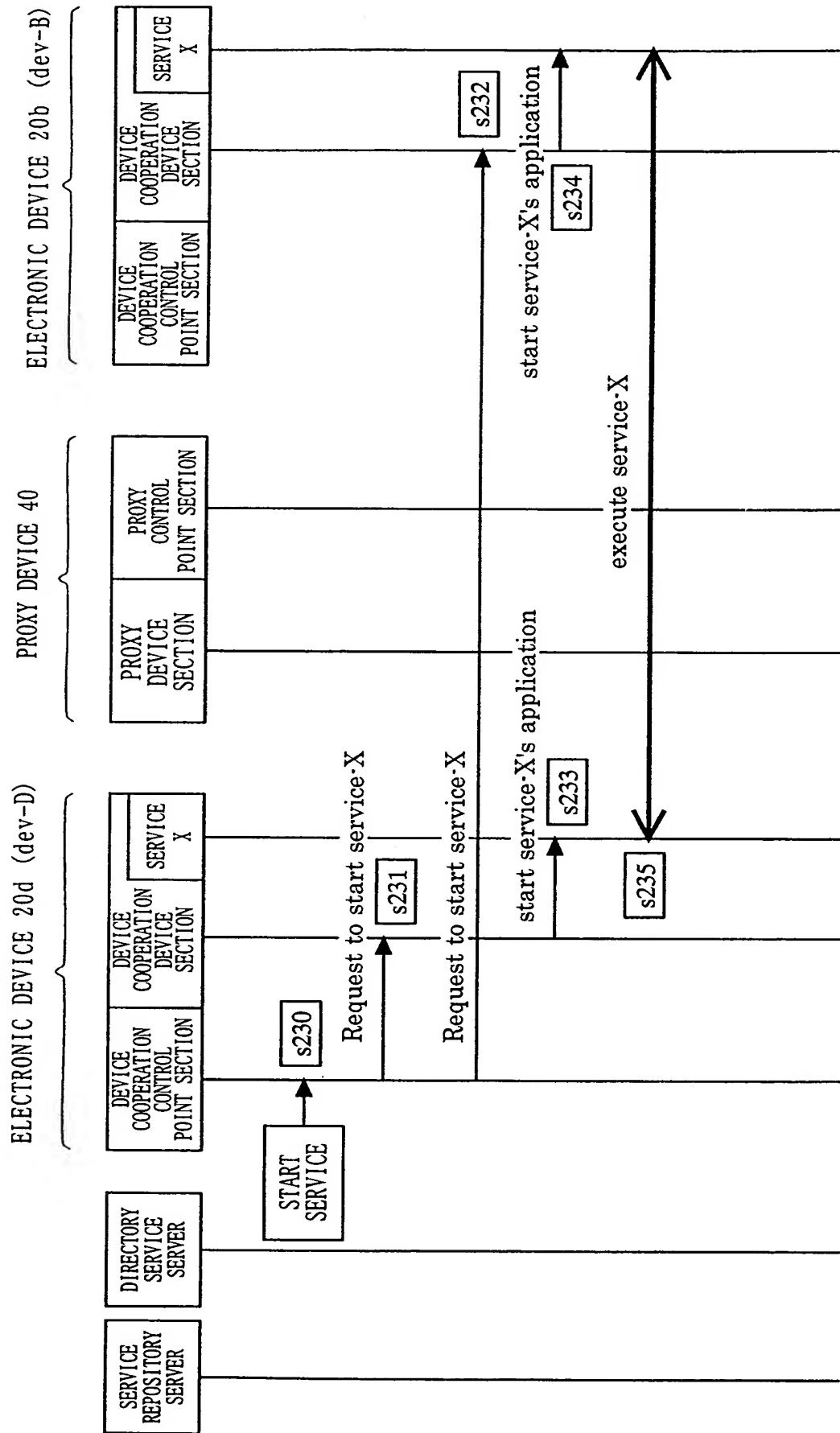


FIG. 15



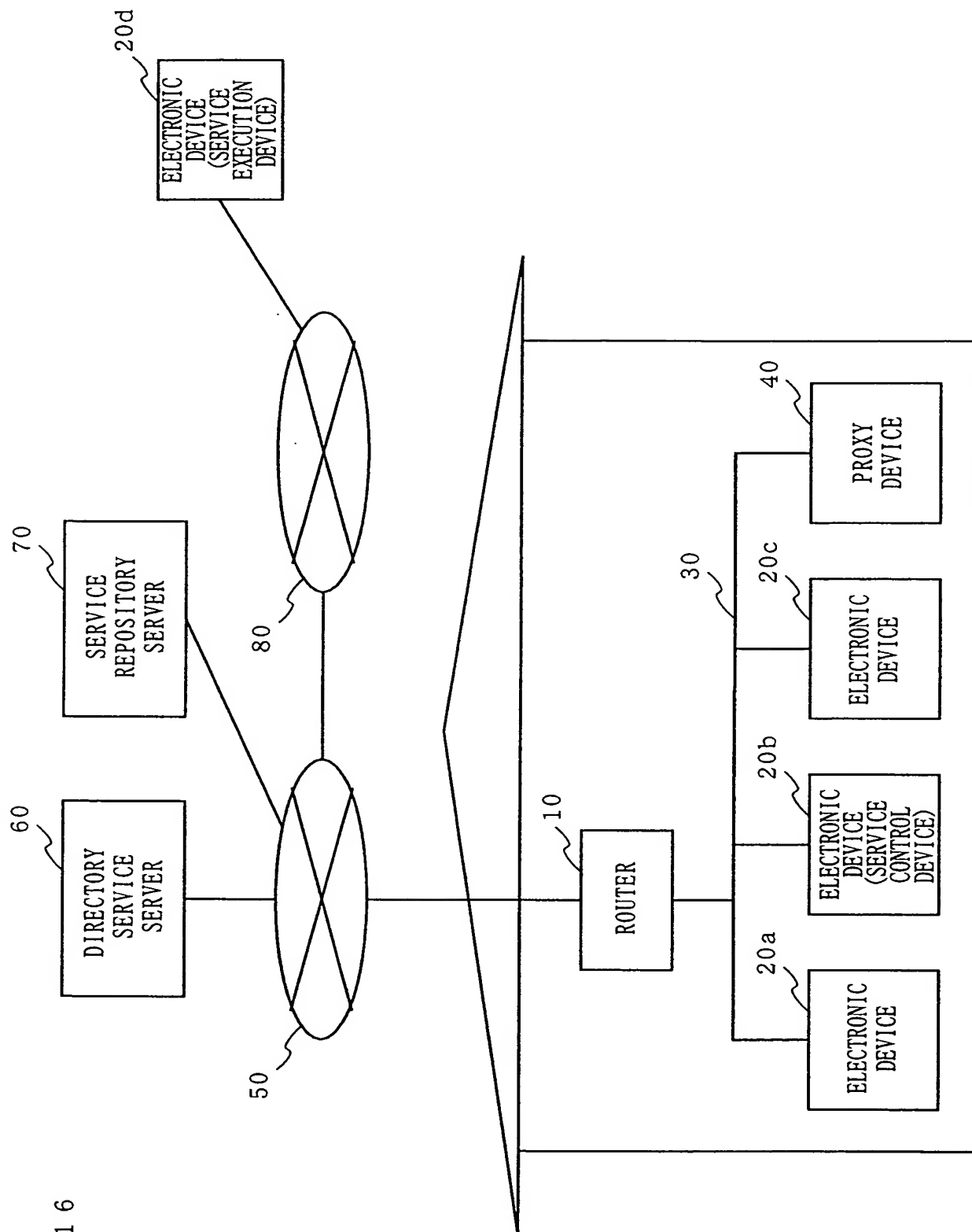


FIG. 16

FIG. 17

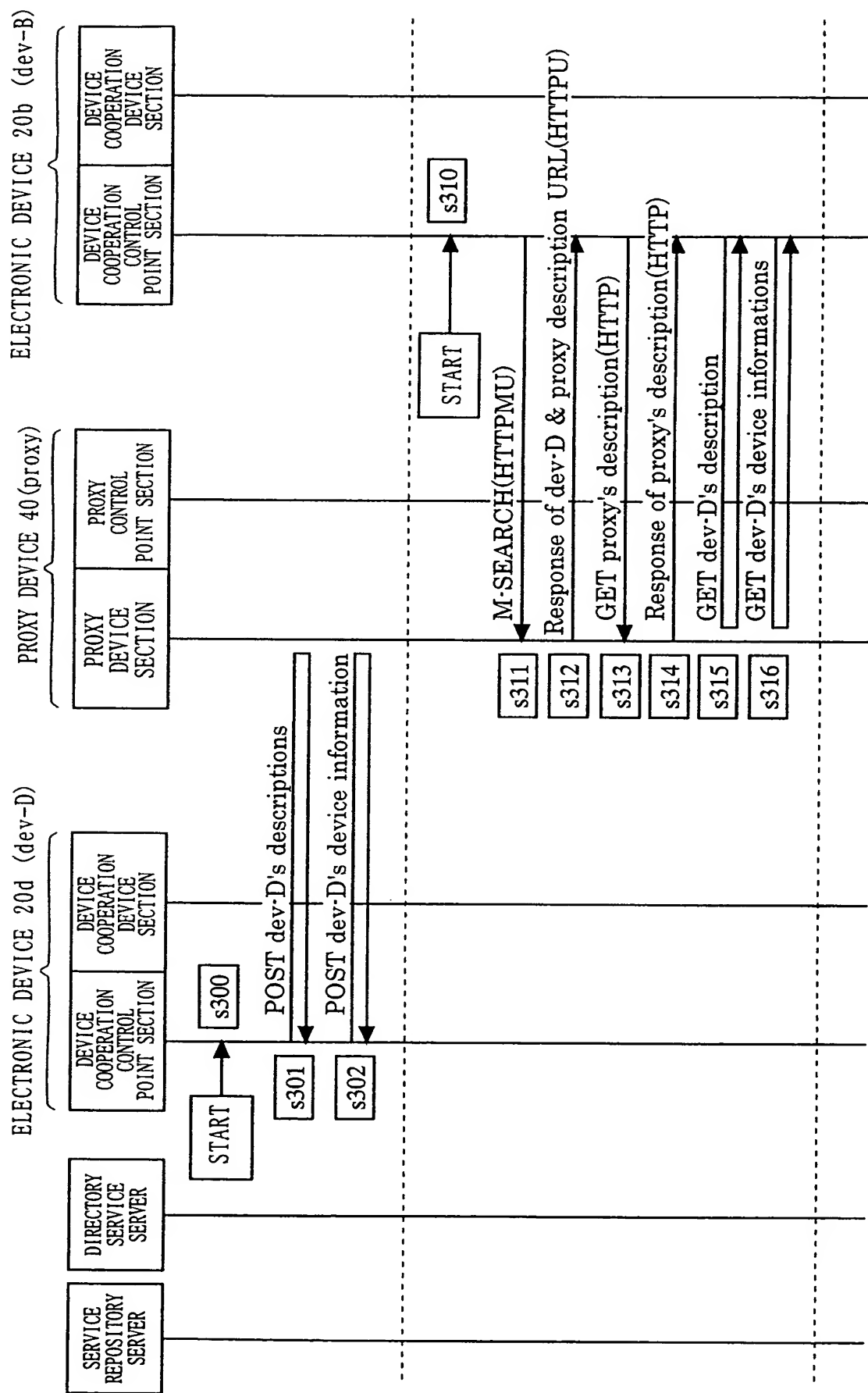




FIG. 18

